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BARNACK RURAL DISTRICT.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1953.

to which is appended

THE ANNUAL REPORT OF THE

SURVEYOR & SANITARY INSPECTOR.

LIB

Public Health Officers of the Authority:-

Medical Officer of Health:- W. Anley Hawes, M.B.,B.S.,D.P.H.Lond.

Sanitary Inspector:- D. Ward Griffiths, M.R.,San.I.,M.S.I.A.

Town Hall,
STAMFORD.

May 1954.

To the Chairman and Councillors of the Barnack Rural District.

My Lord, Ladies and Gentlemen,

I have the honour to present my annual report for the year 1953.

The health of the district has again been very satisfactory. The birth rate at 20.2 is an increase on last year and well above that for the country as a whole. The death rate is low at 8.04. One infant only died under the age of 1 year. There were no deaths from infectious diseases or from maternal causes. No cases of diphtheria were reported and the incidence of notified infectious diseases was low.

The water supply both for Barnack and Thornhaugh was adequate but with little safety margin in Thornhaugh. Plans are under consideration for improving this supply both in quantity and quality.

Plans were prepared for a sewerage system for Barnack and neighbouring villages to connect up with the Peterborough Rural District Council sewers at Helpston. These plans are still under consideration.

I am,

Your obedient Servant,

W. ANLEY HAWES.

Medical Officer of Health.

SECTION A.

Area	15,256 acres.
Population (Registrar General's mid-year estimate	2859
No. of inhabited houses from Rate Book	772
Rateable Value	£16830
Sum represented by Penny Rate	£66.69208

Social Condition.

The main industry is agriculture.

LIVE BIRTHS.

		M.	F.	
Total	58	32	26	) Birth Rate per 1000 of
Legitimate		32	24	) estimated resident pop-
Illegitimate			2	) ulation - 20.2
				) Corresponding figure for
				) England & Wales - 15.5

STILL BIRTHS.

Legitimate		1	-	) Still Birth Rate per 1000
Illegitimate		-	-	) population - 0.31
				) Corresponding figure for
				) England & Wales - 0.35

DEATHS.

Total	23	13	10	) Death Rate per 1000 of
				) estimated resident pop-
				) ulation - 8.04
				) Corresponding figure for
				) England & Wales - 11.4

Deaths of infants under 1 year of age during the year - 1

Deaths of Infants under 1 year of age:-

Year.	Legitimate.	Illegitimate.	Total Deaths.
1943	1	-	1
1944	-	-	-
1945	1	-	1
1946	1	-	1
1947	1	-	1
1948	4	-	4
1949	2	-	2
1950	1	-	1
1951	1	-	1
1952	-	-	-
1953	1	-	1.

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES, INJURIES AND CAUSES OF DEATHS.

	Male.	Female.
Tuberculosis, Respiratory	-	-
Tuberculosis (other forms)	-	-
Syphilitic Disease	-	-
Diphtheria	-	-
Whooping Cough	-	-
Meningococcal Infections	-	-
Acute Poliomyelitis	-	-
Measles	-	-
Other Infective & Parasitic Diseases ...	1	1
Malignant Neoplasm of Stomach	-	-
Malignant Neoplasm of lung, bronchus ..	1	-
Malignant Neoplasm of breast	-	-
Malignant Neoplasm of uterus	-	1
Other malignant and lymphatic neoplasm .	1	1
Leukaemia and Aleukaemia	-	-
Diabetes	-	-
Vascular lesions of nervous system	-	1
Coronary Disease, angina	1	2
Hypertension with Heart Disease	-	-
Other Heart Diseases	1	3
Other Circulatory Diseases	2	1
Influenza	-	-
Pneumonia	-	-
Bronchitis	-	-
Other Diseases Respiratory System	-	-
Ulcer of Stomach & Duodenum	-	-
Gastritis, Enteritis & Diarrhoea	-	-
Nephritis and Nephrosis	-	-
Hyperplasia of Prostate	-	-
Pregnancy, Childbirth and Abortion	-	-
Congenital Malformation	1	-
Other defined and ill defined diseases	1	-
Motor Vehicle Accidents	-	-
All other accidents	2	-
Suicide	-	-
Homicide	2	-
Total	13	10

NET DEATHS FROM STATED CAUSES UNDER 1 YEAR OF AGE.

	Under 1 week	1 - 2 weeks	2 - 3 weeks	3 - 4 weeks	Total under 1 Month	1 - 3 months	3 - 6 months	6 - 9 months	9 - 12 months	Total under 1 Year.
Premature Birth, Malformation etc.	1	-	-	-	1	-	-	-	-	1
Pneumonia and Bronchitis	-	-	-	-	-	-	-	-	-	-
Enteritis and Diarrhoea.	-	-	-	-	-	-	-	-	-	-
Other causes	-	-	-	-	-	-	-	-	-	-
Total	1	-	-	-	1	-	-	-	-	1

ANALYSIS OF CASES OF INFECTIOUS DISEASES AND DEATHS THEREFROM.

	Total Cases Notified.	Cases Admitted to Hospital.	Total Deaths.
Scarlet Fever	4	2	-
Pneumonia	5	-	-
Poliomyelitis	1	1	-
Erysipelas	1	-	-
Measles	36	-	-
Whooping Cough	17	-	-
Total	64	3	-

AGE DISTRIBUTION OF THE NOTIFIED INFECTIOUS DISEASES.

	Not Known	Under 1 yr.	1 -	2 -	3 -	4 -	5 -	10 -	15 -	20 -	25 -	35 -	45 -	55 -	65 -	Total.
Scarlet Fever	-	-	1	1	-	-	1	1	-	-	-	-	-	-	-	4
Pneumonia	1	-	-	-	-	-	-	-	-	-	-	1	1	1	1	5
Poliomyelitis	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Measles	1	1	4	-	2	5	21	1	-	1	-	-	-	-	-	36
Whooping Cough	-	2	1	3	2	-	5	-	-	-	-	-	-	-	-	17
Total	2	3	6	4	4	9	27	2	-	1	1	1	1	1	2	64

TUBERCULOSIS.

	Deaths during 1953.				New Cases during 1953.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
1 - 5 yrs.	-	-	-	-	1	-	-	-
5 - 15 "	-	-	-	-	-	-	-	-
15 - 25 "	-	-	-	-	3	-	-	-
25 - 35 "	-	-	-	-	-	1	-	-
35 - 45 "	-	-	-	-	-	-	-	-
45 - 55 "	-	-	-	-	-	-	-	-
55 - 65 "	-	-	-	-	1	-	-	-
Over 65 "	-	-	-	-	-	1	-	-
Total	-	-	-	-	5	2	-	-

(New cases notified during 1952 - 3 and 1 transfer)

FACTORY ACT.

1. Inspections for purposes of provisions as to health, (including inspections made by the Sanitary Inspector).

	Number on Register.	Number of		
		inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	5	16	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	6	15	-	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises).	4	12	-	-
Total	15	43	-	-

2. CASES IN WHICH DEFECTS WERE FOUND.

(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases").

	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted.
	Found	Remedied	Referred To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	4	4	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of floors	-	-	-	-	-
Sanitary Conveniences					
(a) insufficient	-	-	-	-	-
(b) unsuitable or defective	4	4	-	2	-
(c) not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork).	-	-	-	-	-
Total	8	8	-	2	-

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

Nursing in the Home.

Under the Soke of Peterborough County Council Scheme the services of the District Nurses are available in all the villages in the District.

Home Helps.

Home Helps are available under the County Council Scheme. Application should be made to:-

The Home Help Organiser, County Council Offices,
Bridge Street, Peterborough.

General Hospitals.

Acute and Maternity admissions to either Stamford and Rutland Hospital, Stamford, or the Memorial Hospital, Peterborough or Maternity Units under the charge of this Hospital.

Chronic and long term cases are admitted to St. George's Hospital, Stamford.

Isolation Hospital.

Infectious cases are admitted to the Peterborough Isolation Hospital under the Peterborough Hospital Management Committee. No difficulty has been experienced with admissions.

Treatment Centres and Clinics.

(a) Provided by the Soke of Peterborough County Council.

Child Welfare.

Clinics:-	(a) The Methodist Church School, Barnack.	1st & 3rd Thursday in the month. 2 . 4 p.m.
	(b) Cecil Conservative Club, Wittering.	1st & 3rd Tuesday in the month, 2 - 4 p.m.

Diphtheria Immunisation.

Provided under the General Practitioner Service of the National Health Act.

(b) Provided by the Regional Hospital Board.

Tuberculosis.

Tuberculosis cases are seen at the Chest Clinic provided by the Peterborough & Stamford Hospital Management Committee.

Weekly clinic - Tuesdays from 9.30 a.m.
Stamford & Rutland Hospital.

28, Fitzwilliam Street, - Mondays & Wednesdays
Peterborough. by appointment.

LABORATORY FACILITIES.

Bacteriological investigations are provided by the Public Health Laboratory, Memorial Hospital, Peterborough, under Dr. D.H. Fulton.

Examination of water samples and/or bacteriological specimens are made both at the request of the Public Health and National Health General Practioner Services.

SANITARY CIRCUMSTANCES OF THE AREA.

Water.

The two piped supplies at Barnack and Thornhaugh have been adequate but both supplies although sufficient at source had little safety margin. The Thornhaugh water has again showed evidence of surface pollution and a plan was made for improving both the quantity and quality of the water. This scheme is under consideration as complications have arisen over intended ironstone workings in the neighbourhood.

Both supplies are chlorinated at source. Bacteriological tests of chlorination have been satisfactory except in 2 cases in Thornhaugh and 1 in Barnack.

All villages in the district have now a piped supply. No chemical analysis of water was made during the year.

BARNACK SUPPLY - BORE HOLE. Chlorinated at source.

10 unchlorinated samples and 9 chlorinated samples were taken for bacteriological examination with the following results:-

7	-	Class i)	
1	-	" ii)	
1	-	" iii)	Unchlorinated.
1	-	" iv)	

THORNHAUGH SUPPLY - SPRINGS. Chlorinated at source.

16 samples were taken for bacteriological examination with the following results:-

2	-	Class i)	
-	-	" ii)	
3	-	" iii)	Unchlorinated.
11	-	" iv)	

SECTION F. PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

The incidence of infectious diseases has been low. No cases of diphtheria were reported and only 4 cases of scarlet fever, 2 of which were admitted to hospital.

Bed Bugs.

No cases were reported.

Pediculosis.

No cases were reported.

Food Poisoning.

No cases were reported.

Clean Food Campaign.

Model Byelaws for the handling, wrapping and delivery of food sold for human consumption are in use in the district.

National Assistance Act, 1946.

No action necessary.

Details of other sanitary conditions, food inspection and housing will be found in the following pages of the Sanitary Inspector's report.

BARNACK RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE

SANITARY INSEPCTOR, BUILDING SURVEYOR AND WATER ENGINEER

FOR THE YEAR 1953.

Mr. Chairman, My Lord, Madam and Gentlemen,

I have pleasure in submitting my third Annual Report for the year ending 1953.

INSPECTIONS, COMPLAINTS & NOTICES.

Inspections 236; Revisits 298.

30 Informal Notices were served under the Public Health Act, 1936, 2 of which had not been complied with during the year.

HOUSING ACTS 1936-1952.

No general action has been possible this year in the systematic demolition of some 70 unfit houses in the District although 1 such property which became vacant was not re-let. Another 2 properties were officially represented under Section 11 of the Housing Act, 1936, and negotiations with interested parties in the future use of these properties were proceeding at the end of the year.

The Government in a White Paper issued in November, gave a definite instruction to all Local Authorities that the demolition and replacement of slum houses must begin again in real earnest. The pace and phasing of slum clearance programmes must be for each Local Authority to determine having regard to local characteristics, but the Government further recommended that as far as possible such demolition action should be effected within a period of 5 years.

To that end a large proportion of new council houses erected in the district in future schemes, should be ear-marked for re-housing families from unfit houses which cannot be made fit, either structurally or economically, and which must be eventually demolished.

The conditions regarding Improvement Grants available in certain cases under the Acts of 1949 and 1952 appeared to be more widely appreciated during the year than hitherto. 5 applications for such grants were received and approved, as compared to 1 last year. The view is taken that every house preserved in this way will save the ultimate erection of a new council house, with its high subsidy and correspondingly high rental.

MILK REGULATIONS.

During the year registration was granted to a retailer of milk, making a total of 6 distributors on the register. 9 supplementary licenses for the retail sale of designated milks were issued during the year. There are no dairies in the District, other than dairy farms.

FACTORIES.

The number of factories on the register is 15, the majority being small and one-man businesses. 43 inspections were made during the year when 8 minor infringements of the Act were remedied. No 'outworkers lists' were received during the year.

SHOPS ACT.

There are 11 shops in the District. Periodical inspections were made during the year, and there is nothing special to report.

REGISTERED FOOD PREMISES.

A further 3 applications for the registration of premises for the storage and sale of ice-cream were approved, making a total of 8 such premises on the register. In no case is ice-cream or lolli-pops manufactured on these premises, all ice-cream being sold in pre-packed containers.

Periodical inspections have also been made during the year of food preparing rooms comprising a bakehouse and two cafe kitchens, one of the latter being structurally unsuitable and having an unsatisfactory water supply. Due to a change in ownership and the new owner's intention to erect a new modern cafe, no action was taken apart from many re-visits and 'boiling notices' being served with regard to the water supply.

CONDEMNATION OF FOOD.

42 lbs of cod were condemned during the year as being unfit for human consumption.

SLAUGHTERHOUSES AND KNACKERS YARDS.

There are none in use in the District.

DISINFECTION AND DISINFECTATION.

During the year, terminal disinfection of sick rooms was carried out in 3 cases of scarlet fever, and 2 cases of Pulmonary T.B. and in the latter cases, bed-clothes and bedding etc, were steam-disinfected. 1 verminous house was disinfested on the request of the owner.

PREVENTION OF DAMAGE BY PESTS ACT.

The scheme whereby a part-time rodent operator has been employed, in conjunction with 3 adjoining authorities, has worked well during the year. Details of the operator's inspections, treatments etc, are given in Appendix 'A' attached, and in addition I have made additional inspections of various premises infected.

DRAINAGE AND SEWAGE DISPOSAL.

(a) Pilsgate, Barnack, Bainton & Ufford.

During the year the Council investigated the possibility, comparative costs, etc., of a temporary sewage disposal unit, principally to take the drainage of council houses in Barnack. The cost of such a scheme appeared to be at least £10,500, almost half of which cost representing temporary works only, and which would become redundant when the main scheme (i.e., linking with the sewerage system of Peterborough R.D.C. and Peterborough City) was finally approved. The proposal for a temporary scheme was therefore rejected and the Ministry was again pressed to sanction the comprehensive scheme for these villages, estimated to cost £50-£60,000. At the end of the year various negotiations to this end were proceeding, and with the Ministry's sanction to the sewering of certain key villages in Peterborough R.D.C, it would appear that definite hope now exists for a comprehensive scheme.

(b) St. Martins & Wothorpe.

Similarly, during the year, plans and various relevant details were prepared for the sewering of these 2 villages into the Stamford Corporation system at an estimated cost of £14,000, and at the end of the year negotiations were proceeding.

(c) Wittering.

A start was made on a duplicate system to the existing sewage disposal Unit at Wittering to take the drainage of the R.A.F. houses under construction, and at the end of the year this work had been commenced.

(d) General.

The several small sewage disposal units taking the discharge from council houses in Wansford, Thornhaugh, Pilsgate, Barnack (2), Ufford and Wittering continued to be maintained during the year. In addition the open sewage dyke taking the effluent from the unsatisfactory sewage disposal unit at Uffington Road, Barnack, was fenced in and made comparatively safe.

NIGHT SOIL COLLECTION.

Due to the costly and inefficient collection by contract, in February, a scheme was instituted for the weekly collection of nightsoil by direct labour. A tractor was purchased for £290, and a man appointed for the work. Later a cab was purchased for the tractor at a cost of £29.0.0.

On the whole the scheme has worked well with an overall saving of approx. £140 per annum.

REFUSE COLLECTION.

During the year the fortnightly collection of domestic refuse from properties in the District continued to be satisfactorily carried out by Contract.

WATER SUPPLIES.

(a) Wansford and Thornhaugh.

The statement made in the previous year's report regarding the tendancy for this scheme to be inadequate for present requirement, especially in peak flows, has again been proved during the year. The capacity of the hydram at Thornhaugh is approx. 400 galls per hour or 9,600 galls per day.

Previous to 24th July 1953, no indication was available as to the quantity of water being consumed in the 2 parishes. On this date a 2" meter was installed on the distribution main from the reservoir, and a total of 1,338,000 galls was recorded at the end of the year, representing a daily average of 8,320 galls.

Although it has been estimated that some 50-60,000 galls of water is running to waste from this supply, having regard to the capacity of the hydram, it will be seen that there is a very small safety margin between water raised by the ram and water consumed.

The year has again shown that pollution was occuring principally in the supply pipe from the springs to the drive pipe of the ram. During the year, a portion of this supply pipe was cleared of clogging weeds, certain adjustments were made to the ram, and the chlorinator was on 2 occasions taken out for repair.

At the end of the year the Council's Consulting Engineers were preparing a scheme to make use of the water running to waste and Ministry sanction for works involved in the improvement of this scheme and for the augmentation of the Wittering water supply from this source was awaited. An unforseen development arose however in certain proposals to win iron-ore from an area near the collecting springs, and whether these proposals will prejudiciously affect the quantity and/or quality of the water at source remains to be seen.

(b) Barnack Supply.

Towards the end of the year the work of renewing the defective 3" steel main in Southorpe and laying a 4" link main from Southorpe Terrace to Ufford was almost completed. Before this work commenced, 6 bursts in the Southorpe main were repaired.

A further 120 feet of 3" A.C. water main was laid for the 2nd phase housing at Orchard Road, Barnack.

During the year the Council decided to relay the 3" pumping main from the pumphouse to Pilsgate reservoir in 5" pipes and to substitute the existing 4½ h.p. submersible pumps with 13 h.p. units; the various preparations to that end were proceeding at the end of the year.

As was the case in Thornhaugh, no indication was available prior to the 7th July of the amount of water being consumed, and on this date a 3" meter was installed on the pumping main in Barnack pump-house. Up to the end of the year, a total of 6,813,000 galls was recorded.

(c) Bulk Supply.

The Village of Wittering is supplied by meter from the Stamford Waterworks and St. Martins and Wothorpe are covered by the same water undertaking.

During the year, 2 fractures on the 3" main in Wittering were repaired and towards the end of the year a new 28,8000 storage tank was being erected in the village and Ministry sanction had been obtained for the laying of new 5" and 3" mains to serve the needs of 71 R.A.F. houses and new County Primary School in process of erection.

(d) Water Samples.

54 samples of water were taken during the year as compared to 48 during the previous year, for bacteriological examination, results of which are as follows:-

	Number taken.	Classification of Results. 1	2	3	4
Barnack Public Supply.					
Before chlorination	10	7	1	1	1
After chlorination	9	8		1	
Thornhaugh Public Supply.					
Before chlorination	16	2		3	11
After chlorination	10	8	1	1	
Others - Private.	9				9
Total	54	25	2	6	21

(e) New Connections.

The following 15 connections (19 last year) were made to the Council's mains to serve 16 houses, 3 drinking troughs, 1 Factory, and 2 supplies of water for building purposes in connection with the erection of R.A.F. houses and a new County Primary School:-

Barnack 7, Wittering 3, Wansford 1, Southorpe 1, Ufford 3.

(f) Number of Houses in District supplied with water.

See Appendix 'B' attached.

DEPOSITED PLANS.

23 Plans were deposited for approval under the Council's Building Byelaws as compared with 26 plans for the previous year.

During the year 7 houses were completed by private enterprise - Southorpe 1; Wittering 3; Barnack 3.

BUILDING LICENCES.

A summary of licenses issued during the year is as follows:-

For new houses	4 at a total cost of	£9,055.
For Adaptations etc.	2 " " " " "	£1,293.
Supplementary	2 " " " " "	960.
Under Special Authority	1 " " " " "	£3,500.

One licence for £1675 for the erection of a house was subsequently cancelled.

At the beginning of the year the 'free limit' was raised from £200 - £500 and at the end of the year encouraging signs were indicated for a further relaxation of building control.

COUNCIL HOUSE SCHEMES.

During the year the remaining 4 houses of the 1st phase at Barnack were completed and also 10 houses of the 2nd phase. At the end of the year, tenders were being obtained for the erection of 4 houses at St. Martins, and negotiations proceeding for the acquisition of further land and preparation of plans for houses in Barnack and Wittering.

HOUSING MANAGEMENT.

Various general repair and maintenance work have been carried out to the 180 council houses in the District. Certain minor repairs are carried out by the Council's workmen, the remaining repairs by local jobbing builders. During the year 78 council houses (34 at Barnack and 44 at Wittering) were painted at a total cost of £888.

BARNACK RECTORY CAMP.

During the year, 3 families were rehoused from the site leaving 1 occupied hut only at the end of the year.

PETROLEUM LICENSES.

The usual annual inspections were made of premises in the District at which petroleum is stored to ensure that the conditions of the Petroleum Regulations were compled with.

STAFF ETC..

The workman appointed during the year was engaged 3½ days each week on night-soil collection, the remaining 2 days each week being employed in various work of council house and estate maintenance, water supply duties and generally assisting your sewage and water attendant.

The remarks made in my last annual report regarding the volume of work in my department and lack of clerical assistance again applied to the year under review.

I should once again, in conclusion, like to express my sincere thanks to the Chairman and Members of the Council for the tolerance and understanding willingly afforded me during the year, and my fellow officers for their ready co-operation.

I am,
Sir, My Lord, Ladies & Gentlemen,
Your obedient Servant

D. WARD GRIFFITHS,
(M.R. San.I., M.C.T.A.)

APPENDIX 'A'.

PREVENTION OF DAMAGE BY PESTS ACT, 1949
REPORT FOR THE YEAR ENDING 31st DECEMBER 1953.

		Type of Property				
		L.A.	Dwelling Houses	Agric-ultural	Others	Total.
1.	Total No. of Properties in L.A.s District.	8	721	50	33	812
2.	No. of Properties inspected as a result of (a) notification and (b) survey.	(a) -	14	-	2	16
		(b) 8	30	10	10	58
3.	No. of properties inspected found to be infested by rats	Major 1	-	-	-	1
		Minor 2	24	-	2	28
4.	No. of Properties inspected found to be seriously infested by mice.	-	1	-	-	1
5.	No. of infested properties treated by L.A.	3	24	-	2	29
6.	No. of notices served under Section 4.					
	(1) Treatment	-	-	-	-	-
	(2) Structural Work	-	-	-	-	-
7.	No. of 'Block control' schemes carried out.	2	-	-	-	-

NOTE - No default action was taken or legal proceedings necessary in any of the above cases.